

Appl No.: 09/829,764

PATENT

Filed: April 10, 2001

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1 Amendments to the Claims:

2

3 1. (currently amended) An user-~~removable~~exchangeable
4 housing cover adapted to be detachably connectable to a
5 portable radio communication device with a plurality of
6 operating characteristics, the user-~~removable~~exchangeable
7 housing cover comprising:

8 an identity means for identification of the user-
9 ~~removable~~exchangeable cover, the identity means including
10 readable data stored in a memory thereof;

11 an attaching/detaching means for removably attaching and
12 detaching the cover to the portable radio communication device
13 by an user of the portable radio communication device; and

14 the portable radio communication device comprising:

15 a sensor for sensing the identity means of the user-
16 ~~removable~~exchangeable cover; and

17 a processor for controlling the operating characteristics of
18 the device, the arrangement being such that in use the user-
19 ~~removable~~exchangeable housing cover can be is-mounted on and
20 dismounted from the portable radio communication device by
21 using the attachment and detachment means of the removable
22 housing cover, and in the condition when the user-exchangeable
23 cover is mounted on the portable radio communication device the
24 sensor senses the presence of the identity means, reads readable
25 data from the identity means and outputs data based on the
26 readable a sensed parameter of the identity means to the
27 processor, wherein the processor is responsive to readable data
28 the sensed parameter so as to change selected ones of the
29 operating characteristics of the portable radio communication

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1 device in order to allow the user to customize the radio
2 communication device.

1 2. (cancelled).

1 3. (cancelled).

1 4. (currently amended) An user-~~removable~~exchangeable housing cover
2 according to claim 1, wherein the readable data stored on the identity means
3 comprises ~~is provided with~~ a plurality of pre-defined and pre-stored operating
4 characteristic configurations for the portable radio communication device, and
5 the sensor ~~reads~~comprises a reader for reading said readable data so as to
6 download operating characteristic configurations therefrom of said identity
7 means, whereby the downloaded operating characteristic
8 configurations ~~identity means~~ causes the processor to change the operating
9 characteristics of the portable radio communication device by using ~~selecting~~
10 one or more of the plurality of said downloaded operating characteristic
11 configurations.

1 5. (currently amended) An user-~~removable~~exchangeable
2 housing cover according to claim 1, wherein the identity means allows
3 the portable radio communication device to access a pre-determined
4 server or network and to download therefrom data comprising operating
5 characteristic configurations for the portable radio communication
6 device by providing an address to the server from which the data
7 comprising operation characteristic configurations may be downloaded
8 without the user manually entering the address.

1 6. (currently amended) An user-~~removable~~exchangeable
2 housing cover according to claim 5, wherein the pre-determined server
3 or network corresponds to an internet website.

1 7. (cancelled).

1 8. (cancelled).

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1 9. (currently amended) An user-~~removable~~exchangeable
2 housing cover according to claims 1 or 4, wherein the identity means
3 comprises a memory or processor chip and the sensor comprises a
4 reader for reading said memory or processor chip.

1 10. (currently amended) An user-~~removable~~exchangeable
2 housing cover according to claim 1, wherein the operating
3 characteristics of the portable radio communication device comprise
4 one or more of:

5 -ring tones and/or musical alerts;
6 -animations/screen savers;
7 -mode;
8 -bookmarks and/or browser preferences;
9 -phone memory preferences;
10 -games and/or game elements;
11 -UI screen colours and/or UI style;
12 -input method;
13 -audio set-up;
14 -default messages;
15 -display language;
16 -agents and/or agent set-up;
17 -security keys;
18 -push message filters and/or accounts;
19 -enabling of set-up and/or configuration settings;
20 -sensor weighting;
21 -outgoing call restrictions.

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1 11. (currently amended) An user-~~removable~~exchangeable
2 housing cover for a portable radio communication device with a sensor,
3 the housing cover comprising:

4 an attaching means for removably attaching the cover to
5 the portable radio communication device by an user of the
6 portable radio communication device; and

7 an identity means comprising readable data stored in a memory
8 thereof, the user-exchangeable housing cover being so configured that
9 such that, when the housing cover is mounted on the portable radio
10 communication device, the identity means is coupled with the sensor of
11 the portable radio communication, and the sensor reads the readable
12 data from the identity means wherein the internal functionality of the
13 portable radio communication device is dependent on the identity
14 means allowing user to customize the portable radio communication
15 device.

1 12. (cancelled).

1 13. (cancelled).

1 14. (currently amended) An user-~~removable~~exchangeable
2 housing cover according to claim 1, wherein the user-
3 ~~removable~~exchangeable cover carries indicia and graphics thereon, and
4 the user-~~removable~~exchangeable housing cover covers all or a part of
5 the radio communication device.

1 15. (currently amended) A portable radio communication
2 device having an user-~~removable~~exchangeable housing
3 cover, the portable radio communication device
4 comprising:

5 a sensor for reading data from the user-exchangeable
6 housing cover; and

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7 a processor for controlling the operating characteristics of
8 the device, and the user-~~removable~~exchangable housing cover
9 comprising an identity means ~~and an attaching means~~ including
10 readable data, and attachment and detachment means, wherein
11 the user-~~removable~~exchangable housing cover being configured
12 to be mounted on and removably attached to the portable radio
13 communication device by the user of the portable radio
14 communication device using the user attachment and
15 detachment means, in which arrangement the sensor of the
16 portable radio communication device is operable to ~~sense-read~~
17 the readable data of the identity means of the user-
18 ~~removable~~exchangable housing cover and provide an input to the
19 processor based on the readable data ~~of a sensed feature~~ of the
20 identity means, such that the processor is controlled to alter one
21 or more of the operating characteristics in accordance with the
22 readable data ~~sensed feature~~ of the identity means.

1 16. (cancelled).

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